10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Kcnj3 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10784

Product Information

Application	WB
Primary Accession	P63250
Other Accession	NM_008426, NP_032452
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Mouse, Rat, Pig, Chicken
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56573

Additional Information

Gene ID	16519
Alias Symbol	GIRK1, Kcnf3, Kir3.1, MGC124233, MGC124234
Other Names	G protein-activated inward rectifier potassium channel 1, GIRK-1, Inward rectifier K(+) channel Kir3.1, Potassium channel, inwardly rectifying subfamily J member 3, Kcnj3, Girk1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Kcnj3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Kcnj3 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

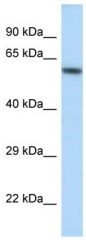
Protein Information

Name	Kcnj3
Synonyms	Girk1
Function	Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. Their voltage dependence is regulated by the concentration of extracellular potassium; as external potassium is raised, the voltage range of the channel opening shifts to more positive voltages. The inward rectification is mainly due to the blockage of outward current by internal magnesium. This potassium channel is controlled by G proteins (PubMed:32617840). This receptor plays a crucial

role in regulating the heartbeat (By similarity). Forms a functional channel in association with KCNJ5/GIRK4 or KCNJ6/GIRK2 or KCNJ9/GIRK3 (PubMed:10341034).

Cellular Location Membrane; Multi-pass membrane protein

Images



WB Suggested Anti-Kcnj3 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Kidney

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.